,	er ID 61338 rust 18, 2010 3:27:25 PM									Page 1	
Revision ID:	D3674-041		Accept				S	etup Sta			
	8/19/2010 Start Qty: -20.1 8/23/2010 Req'd Qty: 20.1			Cust Item I Customer:	D:			310	'P 		
Approvals:	Process Plan: MWF QC:	Date: <u>[0-8- 8</u>	Tooling: SPC (Y/N):		ate:		R	tun Sta Sto			
Sequence ID/ Work Center II		•	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
Draw Nbr	Revision Nbr										_
D3674 100 Bandsaw	Rev A BAND SAW Memo	· ***	0.00	/ . / <i>/</i>			7	· · · · · · · · · · · · · · · · · · ·			_
l 10 HAAS 1 HAAS CNC vertical	HAAS CNC VERTION Memo machine #1 1-Machi	iks: (1.250" x 2.000") 5.400" lo CAL MACHINING #1 ine D3674-1 as per Folio FA73 burr \(\text{J3-Scribe batch number} \)	0.00 0.00	10/09/22 L10/09/27 ify as D3674-	. :		6	1_		(Pro
QC Quality Control	QC2- Inspect parts o	ff machine FAI/FAIB	0.00 0.00	10/09/27			_6_	<i>\begin{align*} \text{\text{\$\sigma}} \text{\text{\$\sigma}} \text{\text{\$\sigma}}</i>			***************************************

Dart Aerospace	Ltd
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DECCEPUE OUTLOS			1		T
PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
· ·					
•					
V.		·			
					Prod Mgr

NCR:		W	ORK OR	DER NON-CONFORMANCE	(NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
ioloalab	110	part scrap, the part more during the machiner		serap and destroy no raplace no matt.	10/04/26	H.A 10/09/27		5
	1	R.t. pour tooling, the	Josiun	, / /		10101127	JULY 2.	iolar 127
		Dulch enomin word of pulled up the Part, insternal or cutting. R.C. Tooling.	1051412					10167
		· · · · · · · · · · · · · · · · · · ·				_		

H:\fF@RMS\Quality Assurance\approved QA\NCRWO RevE

Work Order ID 61338

Wednesday, August 18, 2010 3:27:25 PM



Page 2

Item ID:

D3674-041

Accept

Setup Start

Stop

Stop



Revision ID:

Item Name:

BRACKET ASSEMBLY

Start Date:

8/19/2010

Start Qty: 20.00

Required Date: 8/23/2010

Req'd Qty: 20.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date: _____

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start Run



Work Center ID

Sequence ID/

Operation

QC8- Inspect parts - second check

Set Up/ Run Hours

Tool ID

Tool # Plan Code

Accept Reject Qty Qty

Reject Number

Insp. Stamp

130

QC

Quality Control

Description

QC:

Memo

0.00

0.00

B.A 10/09/27

140

Small Fab Small Fab

Small Fab

Memo

Memo

0.00

0.00

Assemble D3674-041 as per Dwg D3674

150

OC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

0.00

8 10/08/28

W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP	PRC	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						•			
Part No	•	PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQ	A :	_ Date: _	
	R	esolution:	Disposition	n:	_ QA: N/C C	losed:	•	Date: _	
NCR:			WORK ORD	ER NON-CONFORMA	ANCE (NCI	₹)			
DATE	CTED	Description of NC		Corrective Action Section		Verifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign of Date	& Sect	ion C	Chief Eng	QC Inspector
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Work Order ID 61338

Wednesday, August 18, 2010 3:27:25 PM



Page 3

Item 1D:

D3674-041

Accept

Setup Start

Stop

Revision ID:

Item Name:

BRACKET ASSEMBLY

Start Date:

Required Date: 8/23/2010

8/19/2010

Start Qty: 20.00

Req'd Qty: 20.00



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan: _____

Date:

Date: Tooling:

SPC (Y/N):

Set Up/

Date: Date:

Start Run

Stop

Sequence ID/

Work Center ID

160

Packaging

Packaging

Operation Description

Identify as per dwg & Stock Location

Memo

Run Hours

0.00

0.00

Tool # Plan

Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

170

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/09/30 HJ

W/O:			W	ORK ORDER CHANG	ES				3
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
				% .					
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								4.4.40	·
Part No		PAR #:	Fault Cate	egory:	_ NCR: Yes	No DQA	•	Date:	
	R	esolution:	Disposition	on:	_ QA: N/C C	losed:		Date: _	
NCR:		V	VORK ORD	ER NON-CONFORMA	ANCE (NCF	₹)			
DATE	STEP	Description of NC	Initial		ion B	Verifica		Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Date		n C	Chief Eng	QC Inspector
						ì			

Picklist Print

Wednesday, August 18, 2010 3:27:24 PM

Work Order ID: 61338

Parent Item:

D3674-041

Parent Item Name: BRACKET ASSEMBLY



Start Date: 8/19/2010

Required Date: 8/23/2010

Page 1

Start Qty: 20.00

Required Qty: 20.00

Comments:

IPP Rev:A New Issue 08-04-25 JLM Verified By:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3121-21 		Manufactured	No			140	Each	43.0000	1	205 re	108/	<u> 18</u>	
					57376 59044	<u>Loc</u>	43	Loc Code			36/8.	39 C	
03121-241		Manufactured	No		60493	100	2 40 Each	30.0000		295 ro	109/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
ooming tooling,					55005 59435 59774	<u>Loc</u>	Oty 30 2 2 6	Loc Code			80	-18KO	(a)
M174B1.250X02.000		Purchased	No		60494	140	20 f	3.5031	0.55	11.57895			
				Location		Loc	Otv	Loc Code					

Location Loc Oty Loc Code MAT 3.5031 114899 3.5031

M115545 > 2,75'
M115669 + 1.1'

ont 10/09/22

W/O:			WO	RK ORDER CHAN	GES					
DATE	STEP	PRO	OCEDURE CHAI	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									,	·
			•							
Part No	:	PAR #:	Fault Cate	jory:	NCF	R: Yes	No DQ	A :	Date: _	
	Re	solution:	Disposition	n:	QA:	N/C Cld	sed:		Date: _	
NCR:		1	WORK ORDE	R NON-CONFORM	MANCE	(NCR)			
DATE	OTED	Description of NC	<u> </u>		ection B		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	1	Sign & Date		ion C	Chief Eng	QC Inspector
		*.								
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DART AEROSPACE LTD	Work Order: 6/32	38
Description: Bracket	Part Number: D36	74-1
Inspection Dwg: D3674 Rev: A	Page	1 of 2

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Dimension Dimension Dimension Accept Inspection Comments	Drawing	T-1	Actual		D : - 4	Method of	
0.750	Dimension	Tolerance	Dimension	Accept	Reject		Comments
0.750	1.960	+/-0.010	1.964			Vesn	ML-7
3.380	0.750	+/-0.010	.752				11
2.430	0.605	+/-0.010	1005			Hight gaso	31006
2.430	3.380	+/-0.010	3.382			177 17	* 3
0.380	2.430	+/-0.010				UPIN	ML-7
0.73	0.380	+/-0.010					4)
0.95	0.73	+/-0.030				11	M
2.140	0.95	+/-0.030		•		11	/1
4.718	2.140	+/-0.010	2.140			11	N
4.590	2.030	+/-0.010	2.020			11	61
4.590	4.718	+/-0.010	4.720	\		H-gaso	31006
0.863	4.590	+/-0.010	4.585	1		H-anne	3100%
4.600	0.863	+/-0.010	857			UBra	ML-7
4.880 +/-0.010	0.130	+/-0.010	.131			10	11
5.139	4.600	+/-0.010	4.610			14	4
R0.25	4.880	+/-0.010	4.880			1.	"
0.080	5.139	+/-0.010	5.135			15	11
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	R0.25	+/-0.030	-			Rodius-arm	REF.
30° +/-0.5° 30° Cont-squar ML-CBB 20.573 +/-0.010 \$.573 - Verth ML-7 0.720 +/-0.010 .728 - II II II 0.345 +/-0.010 .350 - Verth ML-7 20.392 +0.002/-0.000 8.3938 - Micr ML-8 2.173 +/-0.010 2.173 - Verth ML-7 3.135 +/-0.010 3.135 - II II II 3.963 +/-0.010 3.963 - II II 4.365 +/-0.010 4.365 - II II 0.664 +/-0.010 4.365 - II II 0.664 +/-0.010 - Lets - II II 0.076 +/-0.5° 1066 - NIA NIA 0.076 +/-0.010 .078 - Verth ML-7 0.200 +/-0.010 .200 - II II 0.200 +/-0.010 .200 - II II R0.10 +/-0.030 R.100 - II II	0.080	+/-0.010	080			Vern	ML-7
$\begin{array}{cccccccccccccccccccccccccccccccccccc$.300			· · ·	4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		+/-0.5°	300			Comb-sauce	ML-CBB
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2.173 +/-0.010 2.173 -						Vern	ML-7
3.135 +/-0.010 $3./35$ — 11 3.963 +/-0.010 3.963 — 11 11 11 12 13 14 15 15 — 11 11 11 11 11 11 11						Micr	ML-8
3.135 +/-0.010 $3./35$ — 11 3.963 +/-0.010 3.963 — 11 4.365 +/-0.010 4.365 — 11 0.664 +/-0.010 1665 — 11 100° +/-0.5° 100° — 110° — 110		+/-0.010	2-173			Vern	ML-7
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$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3.963	+/-0.010	3.963			6.1	1 <
100° +/-0.5° 100° - NA NA 0.076 +/-0.010 .078 - Uern 11-7 0.200 +/-0.010 .200 - 11 11 0.200 +/-0.030 R.100 - 11	4.365	+/-0.010	4.365			1 (11
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R0.10 +/-0.030 R.100 - 11						/((1
R0.10 +/-0.030 R.100 - (1			1				1(
0.032 +0.000/-0.010 031 / Dept-gage ML-05	R0.10	+/-0.030					
	0.032	+0.000/-0.010		/		Deptt-gage	ML-05

Dart Ae	rospace	Ltd							. 1
W/O:		I	WOI	RK ORDER CHANGE	S				
DATE	STEP	PROC	CEDURE CHAN	GE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
									
		<u> </u>							
Part No	:	PAR #:	_ Fault Catego	ory:	NCR: Yes	No DQ	\ :	_ Date: _	
	R	esolution:	_ Disposition:		QA: N/C CI	osed:		Date: _	
NCR:	•••	W	ORK ORDE	R NON-CONFORMA	NCE (NCF	R)			
		Description of NC	C	corrective Action Section		Verific	ation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	k Section		Chief Eng	QC Inspector
					,				
		,							

Section A Chief Eng Chief Eng Chief Eng Section C Chief Eng OC Inspector

DART AEROSPACE LTD	Work Order:	61338
Description: Bracket	Part Number:	D3674-1
Inspection Dwg: D3674 Rev: A		Page 2 of 2

FIRST ARTICLE INSPECTION CHECKLIST

X	First Article		Prototype
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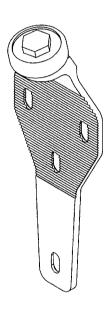
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.050	+/-0.010	.050	-		Vern	M1-7
0.025	+/-0.010	.025	1		11	14
0.75	+/-0.030	.752	-		И	M
R0.375	+/-0.010	R.375	1		Radins gas	o REF
10-32 UNF-3B	N/A	/ "	_		NIA	NIA
Ø0.201 x 100 DP	+/-0.010	8.200 X.15B			Vern	Mi-7
R0.20	+/-0.030	2,200		:	Redus-say	REF
		,				

Measured by:	and	Audited by:	A_B	Prototype Approval:	N/A
Date:	10/09/26	Date:	10/09/27	Date:	N/A

Rev	Date	Change		Revised by	Approved
Α	08.07.25	New Issue	P/O D3674-041	KJ/DD O	<i>M</i>

W/O:			WO	RK ORDER CHANG	ES	-			
DATE	STEP	PRO	OCEDURE CHAN	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No: PAR #						NCR: Yes No DQA: Date:			
Resolution:			Disposition	QA: N/C (QA: N/C Closed: Date:				
NCR:			WORK ORDE	R NON-CONFORM	ANCE (NC	R)			
DATE	STED	Description of NC	Corrective Action Section B			Sign & Verifica			
DAIL	JILI	STEP Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Date		tion C	Chief Eng	QC Inspector
								**	
								1	
	1								

QTY -041	PART NUMBER	DESCRIPTION
X	D3674-041	ROLLER BRACKET ASSEMBLY
1	D3121-21	BOLT
1	D3121-241	BEARING ASSEMBLY
1	D3674-1	BRACKET



D3674-041 BRACKET ASSEMBLY

NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: N/A
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: N/A
7) WEIGHT: 0.23 lbs
8) TORQUE 03121-21 BOLT 15-25 in lbs (1.7-2.8 Nm)

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Α	NEW	SSUE			AJS	08.03.26		
REV.				DESCRIPTION BY DATE				
DESIG	N	AJ	S	DART AEROSPACE LTD				
DRAW	V	1338		HAWKESBURY, ONTAR		-		
CHECK	ED	103	и	DRAWING NO.		REV. A		
MFG. A	PPR.	Chall	ζ_	D3674		SHEET 1 OF 4		
APPRO	VED	"wot	4	TITLE		SCALE		
DE APP	PR.	-	7-	ROLLER BRACKET ASSEMBLY				
DATE 08.03.26				COPYRIGHT © 2008 BY DART AEROSPACE LTD THIS DODMENTS HOW TO AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CREATION THAT IT IS NOT TO BE USED FOR NAT HAPPISE OR CORPOR OR COMMUNICATED TO ARE OTHER PERSON MITHOUT				

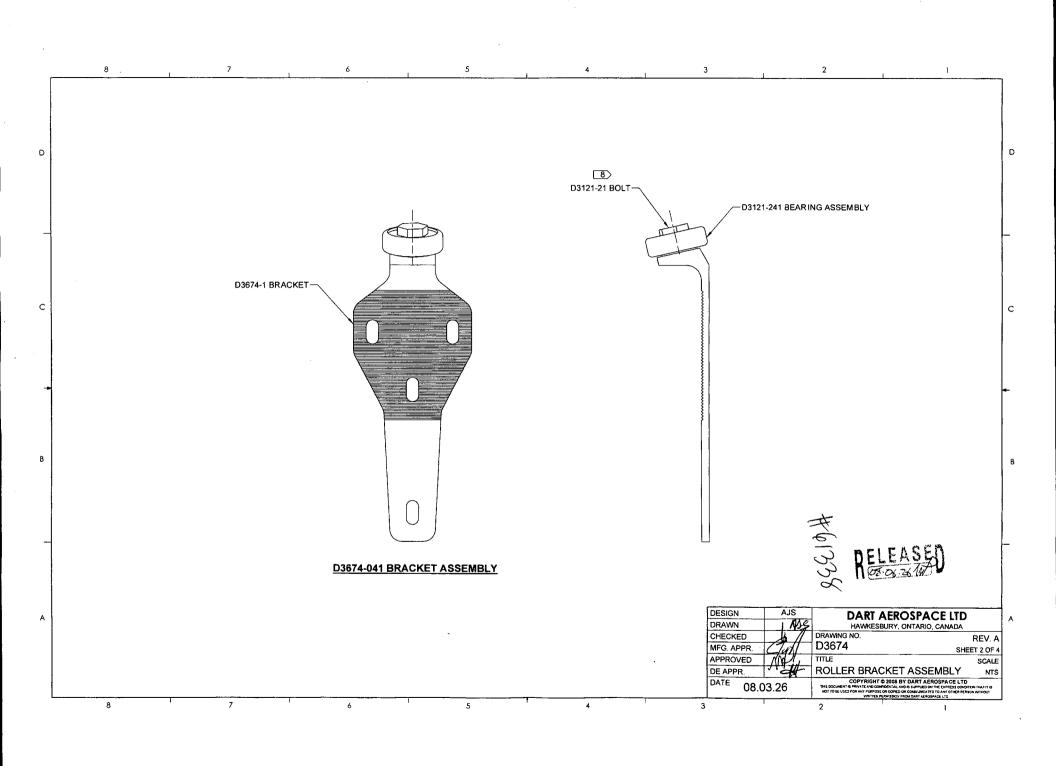
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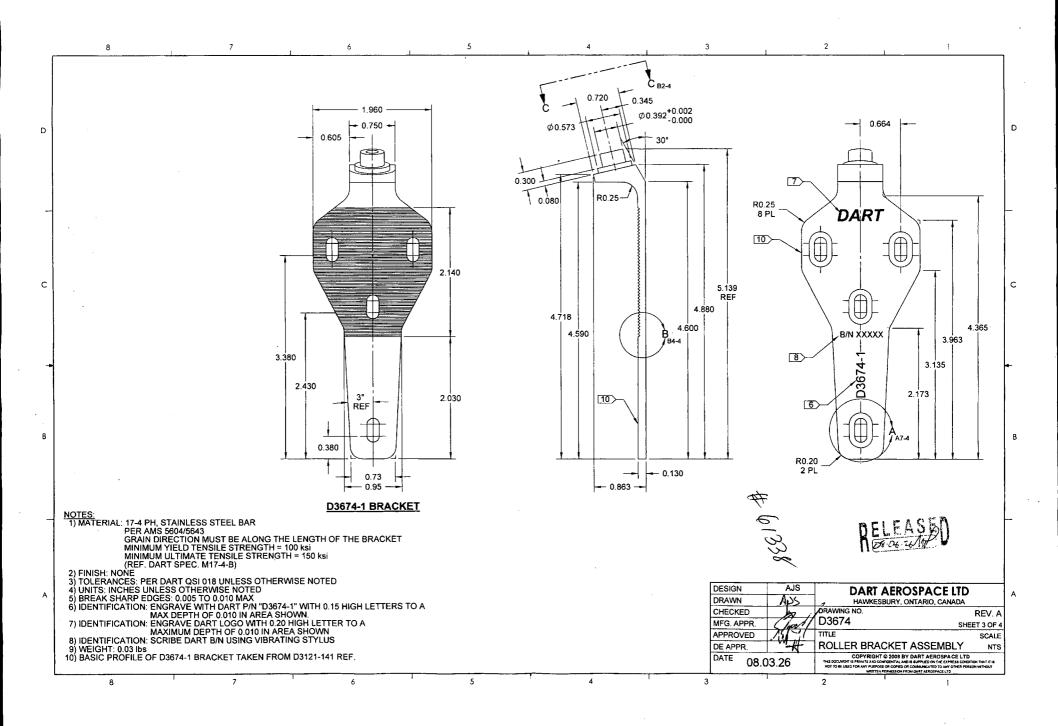
W/O:			WC	RK ORDER CHANG	ES				
DATE	Part No:	PRO	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	lo DQA:	Date: _		
	R	esolution:	Dispositio	າ:	_ QA: N/C Clo	sed:	Date: _		
NCR:			WORK ORDI	ER NON-CONFORMA	NCE (NCR)				
DATE	STEP	Description of NC		Corrective Action Section		verification Approval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector	



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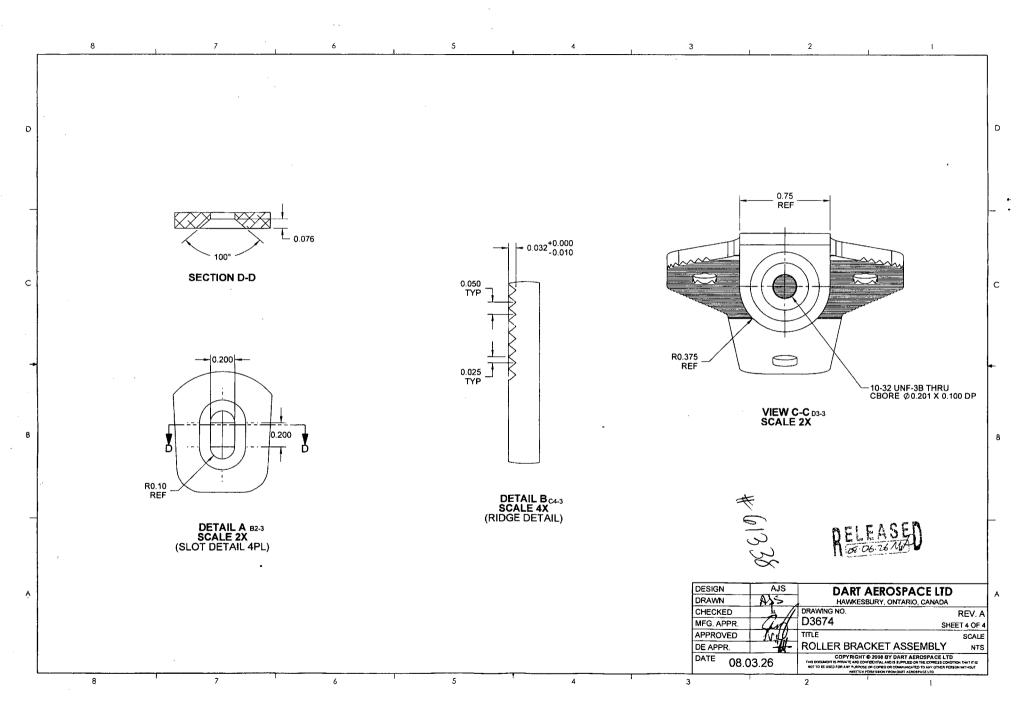
W/O:			WORK ORDER	CHANGES				
DATE	STEP		PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #: _	Fault Category:	NCR: Yes	No DQ	A:	_ Date: _	
	R	esolution:	Disposition:	QA: N/C (Closed:		Date: _	

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
•		Description of NC		Corrective Action Section B		Verification	Annroyal	Approval QC Inspector
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	
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W/O:				WORK ORDER	R CHANGES						
DATE	STEP		PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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Part No	:	3.1 	PAR #:	Fault Category:	NCR: Ye	es No DC	A:	Date:	· 		
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NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
DATE	STEP	Description of NC	Corrective Action Section B			Verification	Annroval	Annewal		
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector		
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Dart Aerospace

W/O:	W/O:		WORK ORDER CHANGES							
DATE	STEP		PRO	CEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
	STEP	Description of NC		Corrective Action Section B	Verification Appl	roval Approva					
DATE		Section A	Initial . Chief Eng		Verification Approval Section C Chief Eng	f Eng QC Inspecto					
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